PENDING CLAIMS AS AMENDED

Please amend the claims as follows:

SUB B'

1. (Currently Amended) A multi-carrier base station operating within a predetermined set of frequencies wherein data components of forward link data are transmitted simultaneously on a plurality of frequency bands, said base station comprising:

a first transmission subsystem for transmitting a sync channel message on a single carrier frequency of said predetermined set of frequencies, wherein said sync channel message indicates at least a center frequency of a multi-carrier or single carrier transmission sub system; and

at least one additional transmission subsystem for transmitting remaining components of said forward link data on another carrier frequency of said predetermined set of frequencies.

C'

2. (Cancelled) The base station of Claim 1 wherein said sync channel message indicates the center frequency of at least one multi carrier system in said predetermined set of frequencies.

3. (Original) The base station of Claim 1 wherein said sync channel message indicates the frequency of a single carrier system in said predetermined set of frequencies.

4. (Cancelled) The base station of Claim 2 wherein said sync channel message indicates the frequency of a single carrier system in said predetermined set of frequencies

5. (Currently Amended) The base station of Claim [[2]] 1 wherein said sync channel message is transmitted on one of a set of a preferred frequency channels wherein the number of frequencies in said set of preferred frequency channels is less number of frequencies in said predetermined set of frequencies.

6. (Original) The base station of Claim 5 wherein said set of predetermined frequencies are the set of frequency bands in a personal communications system block of frequencies.

7. (Original) The base station of Claim 6 wherein the channel numbers of the set of preferred frequency channels are 75, 150 and 225.

8. (Currently Amended) A multi-carrier mobile station comprising:

a control processor for controlling the operation of a plurality of receiver subsystems in accordance with frequency information indicated in a received sync channel message, wherein said sync channel message indicates at least a center frequency of a multi-carrier or single carrier transmission sub system;

a first receiver subsystem for receiving said sync channel message on single carrier frequency and for providing said sync channel message to said control processor and for receiving a first portion of a multi-carrier signal;

at least one additional receiver subsystem for receiving additional portions of said multi-carrier signal.

9. (Previously Presented) The mobile station of Claim 8 wherein said control processor decides whether to operate in a single carrier mode or a multi-carrier mode and directs said first receiver subsystem to tune to a frequency indicated in said sync channel message for the reception of a single band system when said mobile station decides to operate in a single carrier mode and directs said first receiver subsystem to tune to a first frequency and directs said at least one additional receiver subsystem to tune to at least one additional frequency when said mobile station decides to operate in a multi-carrier mode.

10. (Original) The mobile station of Claim 8 wherein said control processor directs said first receiver subsystem to tune to one of a predetermined set of preferred frequencies.

11. (Original) The mobile station of Claim 8 wherein said mobile station is operating within a personal communication system (PCS) set of frequencies and wherein said predetermined set of preferred frequencies consist of the frequency channel numbers 75, 150 and 225.

12. (Currently Amended) A method of transmitting data components of forward link data in a communication system, comprising:

transmitting a sync channel message on a single carrier frequency within a predetermined set of frequencies, wherein said sync channel message indicates at least a center frequency of a multi-carrier or single carrier transmission sub system; and

transmitting remaining components of said forward link data on another carrier frequency of said predetermined set of frequencies.

13. (Cancelled) The method of Claim 12 wherein said sync channel message indicates the center frequency of at least one multi carrier system in said predetermined set of frequencies.

14. (Cancelled) The method of Claim 12 wherein said sync channel message indicates the frequency of a single carrier system in said predetermined set of frequencies.

15. (Cancelled) The method of Claim 13 wherein said sync channel message indicates the frequency of a single carrier system in said predetermined set of frequencies.

16. (Currently Amended) The method of Claim [[13]] 12 wherein said sync channel message is transmitted on one of a set of a preferred frequency channels wherein the number of frequencies in said set of preferred frequency channels is less number of frequencies in said predetermined set of frequencies.

17. (Previously Presented) The method of Claim 16 wherein said set of predetermined frequencies are the set of frequency bands in a personal communications system block of frequencies.

18. (Previously Presented) The method of Claim 17 wherein the channel numbers of the set of preferred frequency channels are 75, 150 and 225.

19. (Currently Amended) A method of receiving data components of forward link data in a communication system, comprising:

receiving a sync channel message and a first portion of a multi-carrier signal on a single carrier frequency, wherein said sync channel message indicates at least a center frequency of a multi-carrier or single carrier transmission sub system; and

controlling operation of a plurality of receiver subsystems in accordance with frequency information indicated in said received sync channel message; and

receiving additional portions of said multi-carrier signal on another carrier frequency.

20. (Previously Presented) The method of Claim 19 further comprising deciding whether to operate in a single carrier mode or a multi-carrier mode and tuning to a frequency indicated in said sync channel message for the reception of a single band system when deciding to operate in a single carrier mode and tuning to at least one additional frequency when deciding to operate in a multi-carrier mode.

21. (Currently Amended) A multi-carrier base station operating within a predetermined set of frequencies wherein data components of forward link data are transmitted simultaneously on a plurality of frequency bands, said base station comprising:

means for transmitting a sync channel message on a single carrier frequency of said predetermined set of frequencies, wherein said sync channel message indicates at least a center frequency of a multi-carrier or single carrier transmission sub system; and

means for transmitting remaining components of said forward link data on another carrier frequency of said predetermined set of frequencies.

22. (Cancelled) The base station of Claim 21 wherein said sync channel message indicates the center frequency of at least one multi carrier system in said predetermined set of frequencies.

23. (Cancelled) The base station of Claim 21 wherein said sync channel message indicates the frequency of a single carrier system in said predetermined set of frequencies.

24. (Cancelled) The base station of Claim 22 wherein said sync channel message indicates the frequency of a single carrier system in said predetermined set of frequencies.

25. (Currently Amended) The base station of Claim [[22]] 21 wherein said sync channel message is transmitted on one of a set of a preferred frequency channels wherein the number of frequencies in said set of preferred frequency channels is less number of frequencies in said predetermined set of frequencies.

26. (Previously Presented) The base station of Claim 25 wherein said set of predetermined frequencies are the set of frequency bands in a personal communications system block of frequencies.

27. (Previously Presented) The base station of Claim 26 wherein the channel numbers of the set of preferred frequency channels are 75, 150 and 225.

Cont C1

28. (Currently Amended) A multi-carrier mobile station comprising:

means for controlling the operation of a plurality of receiver subsystems in accordance with frequency information indicated in a received sync carrier message, wherein said sync channel message indicates at least a center frequency of a multi-carrier or single carrier transmission sub system;

means for receiving said sync channel message on single carrier frequency and for providing said sync carrier message to said means for controlling and for receiving a first portion of a multi-carrier signal;

means for receiving additional portions of said multi-carrier signal.

29. (Previously Presented) The mobile station of Claim 28 wherein said means for controlling decides whether to operate in a single carrier mode or a multi-carrier mode and directs said first receiver subsystem to tune to a frequency indicated in said sync channel message for the reception of a single band system when said mobile station decides to operate in a single carrier mode and directs said first receiver subsystem to tune to a first frequency and directs said

at least one additional receiver subsystem to tune to at least one additional frequency when said mobile station decides to operate in a multi-carrier mode.

30. (Previously Presented) The mobile station of Claim 28 wherein said means for controlling directs said first receiver subsystem to tune to one of a predetermined set of preferred frequencies.

31. (Previously Presented) The mobile station of Claim 28 wherein said mobile station is operating within a personal communication system (PCS) set of frequencies and wherein said predetermined set of preferred frequencies consist of the frequency channel numbers 75, 150 and 225.